

IN THE CLAIMS:

Please amend claims 1, 2, 4, 5, and 7-10, as shown in the complete list of claims that is presented below.

1. (currently amended) An adjustment apparatus for regulating the inclination angle of a spindle motor of an optical disk drive, wherein said spindle motor is mounted on a driving circuit board which is mounted in a traverse module and has adjustable screws for regulating the inclination angle of said driving circuit board and said spindle ~~motor;~~ motor, said adjustment apparatus comprising:

an optic axis regulating tool for containing said traverse module and regulating said adjustable screws of said driving circuit board, wherein ~~the~~ a top surface of said optic axis regulating tool has an opening to expose said spindle motor and a guide rail of said traverse module;

a standard plate, placed in said opening and ~~against~~ on said guide rail, wherein the upper surface of said standard plate is in parallel with said guide rail;

a ~~comparable~~ turning wheel, placed in said opening and covering said spindle motor, wherein the upper surface of said ~~comparable~~ turning wheel is in parallel with ~~the~~ a rotation plane of said spindle motor and a plurality of turbine-like blades are set at the edge of said ~~comparable~~ turning wheel;

a gaseous spray nozzle, mounted on ~~the~~ a top surface of said optic axis regulating tool and facing the edge of said ~~comparable~~ turning wheel and spraying gas out toward said turbine-like blades to ~~drive rotation of~~ rotate said comparable turning wheel and to simultaneously ~~drive rotation of~~ rotate said spindle motor; and

an autocollimator, emitting light beams respectively onto said standard plate and said ~~comparable~~ turning wheel and detecting ~~the~~ reflective light beams thereof to decide the inclination of said ~~comparable~~ turning wheel in relation with said standard plate;

wherein an operator can regulate said adjustable screws on said driving circuit board through said optic axis regulating tool, based on the detecting results of said autocollimator so as to regulate the inclination angle of said spindle motor.

2. (currently amended) The adjustment apparatus of Claim 1, wherein a disk loader is disposed on the upper surface of said spindle motor and the upper surface of said disk loader is covered with said ~~comparable~~ turning wheel.

3. (original) The adjustment apparatus of Claim 1, wherein said driving circuit board has two of said adjustable screws thereon respectively for regulating the inclination angle of said spindle motor at the X axis and the Y axis thereof.

4. (currently amended) The adjustment apparatus of Claim 3, wherein ~~a rotation node is respectively set at the two sides of~~ said optic axis regulating tool has two sides, and further comprises knobs at the two sides for regulating said adjustable screws on said driving circuit board.

5. (currently amended) A method for regulating the inclination angle of a spindle motor of an optical disk drive, wherein said spindle motor is mounted on a driving circuit board which is mounted in a traverse module and said traverse module has a guide rail for an optical pick-up head to slide ~~thereon~~; thereon, said method comprising:

placing said traverse module in an optic axis regulating tool, wherein ~~the~~ a top surface of said optic axis regulating tool has an opening to expose said spindle motor and said guide rail;

placing a standard plate in said opening and ~~against~~ on said guide rail, wherein the upper surface of said standard plate is in parallel with said guide rail;

placing a ~~comparable~~ turning wheel in said opening and covering said spindle motor with said ~~comparable~~ turning wheel, wherein the upper surface of said comparable turning wheel is in parallel with ~~the~~ a rotation plane of said spindle motor and a plurality of turbine-like blades are set at the edge of said ~~comparable~~ turning wheel;

spraying gas out toward said turbine-like blades of said ~~comparable~~ turning wheel with a gaseous spray nozzle to ~~drive rotation of~~ rotate said ~~comparable~~ turning wheel and to simultaneously ~~drive rotation of~~ rotate said spindle motor;

detecting the inclination of the upper surface of said ~~comparable~~ turning wheel in relation with said standard plate; and

regulating the angle of said driving circuit board to have the upper surface of said ~~comparable~~ turning wheel in parallel with that of said standard plate such that the rotation plane of said spindle motor is parallel to the plane of said guide rail.

6. (original) The method of Claim 5, wherein said driving circuit board has two adjustable screws thereon respectively for regulating the inclination angle of said spindle motor at the X axis and the Y axis thereof.

7. (currently amended) The method of Claim 5, wherein ~~a rotation node is respectively set at the two sides of~~ said optic axis regulating tool has two sides, and further comprises knobs at the two sides for regulating said adjustable screws on said driving circuit board.

8. (currently amended) The method of Claim 5, wherein in the step of detecting the inclination of the upper surface of said ~~comparable~~ turning wheel in relation with said standard plate, an autocollimator is used to emit light beams respectively onto said standard plate and said ~~comparable~~ turning wheel and to detect the reflective light beams thereof so as to indicate the inclination of said ~~comparable~~ turning wheel in relation with said standard plate.

9. (currently amended) An adjustment apparatus for regulating the inclination angle of a spindle motor of an optical disk drive, wherein said spindle motor is mounted on a driving circuit board which is mounted in a traverse module and has adjustable screws for regulating the inclination angle of said driving circuit board and said spindle ~~motor;~~ motor, said adjustment apparatus comprising:

an optic axis regulating tool for containing said traverse module and regulating said adjustable screws of said driving circuit board, wherein ~~the~~ a top surface of said optic axis

regulating tool has an opening to expose said spindle motor and a guide rail of said traverse module;

a standard plate, placed in said opening and ~~against~~ on said guide rail, wherein the upper surface of said standard plate is in parallel with said guide rail;

a ~~comparable~~ turning wheel, placed in said opening and covering said spindle motor, wherein the upper surface of said ~~comparable~~ turning wheel is in parallel with ~~the~~ a rotation plane of said spindle motor; and

an autocollimator, emitting light beams respectively onto said standard plate and said ~~comparable~~ turning wheel and detecting the reflective light beams thereof to decide the inclination of said ~~comparable~~ turning wheel in relation with said standard plate; and

~~said adjustment apparatus characterized by means for pneumatically driving rotation of rotating~~ said ~~comparable~~ turning wheel and simultaneously ~~driving rotation of rotating~~ said spindle motor ~~such so~~ so that an operator can regulate the inclination angle of said spindle motor ~~through using~~ said optic axis regulating tool, based on the detecting results of said autocollimator.

10. (currently amended) The adjustment apparatus of Claim 9, wherein said means for pneumatically rotating comprises a gaseous spray nozzle is mounted on ~~the~~ a top surface of said optic axis regulating tool ~~and sprays to spray~~ gas out toward the edge of said ~~comparable~~ turning wheel, ~~to drive rotation of said comparable turning wheel and to simultaneously drive rotation of said spindle motor.~~